

July 3, 2007

Analytical Report for Service Request No: K0704921

Matt Dahl
PES Environmental
9 Lake Bellevue, Suite 108
Bellevue, WA 98005

RE: Univar Portland

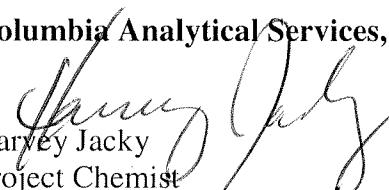
Dear Matt:

Enclosed are the results of the samples submitted to our laboratory on June 08, 2007. For your reference, these analyses have been assigned our service request number K0704921.

All analyses were performed according to our laboratory's quality assurance program. Where applicable, the methods cited conform to the Methods Update Rule (effective 4/11/2007), which relates to the use of analytical methods for the drinking water and waste water programs. The test results meet requirements of the NELAC standards. Exceptions are noted in the case narrative report where applicable. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3260. You may also contact me via Email at HJacky@kelso.caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Harvey Jacky
Project Chemist

HJ/dj

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RECEIVED
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BY: PES

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- i The MRL/MDL has been elevated due to a matrix interference.
- X See case narrative.

Metals Data Qualifiers

- # The control limit criteria is not applicable. See case narrative.
- B The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- E The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
- M The duplicate injection precision was not met.
- N The Matrix Spike sample recovery is not within control limits. See case narrative.
- S The reported value was determined by the Method of Standard Additions (MSA).
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- W The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
- i The MRL/MDL has been elevated due to a matrix interference.
- X See case narrative.
- * The duplicate analysis not within control limits. See case narrative.
- + The correlation coefficient for the MSA is less than 0.995.

Organic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- A A tentatively identified compound, a suspected aldol-condensation product.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result.
- C The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
- D The reported result is from a dilution.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- N The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
- P The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP Pesticides).
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- i The MRL/MDL has been elevated due to a chromatographic interference.
- X See case narrative.

Additional Petroleum Hydrocarbon Specific Qualifiers

- F The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
- L The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
- H The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
- O The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
- Y The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
- Z The chromatographic fingerprint does not resemble a petroleum product.

Columbia Analytical Services, Inc.
Kelso, WA
State Certifications, Accreditations, and Licenses

Program	Number
Alaska DEC UST	UST-040
Arizona DHS	AZ0339
Arkansas - DEQ	88-0637
California DHS	2286
Colorado DPHE	-
Florida DOH	E87412
Hawaii DOH	-
Idaho DHW	-
Indiana DOH	C-WA-01
Louisiana DEQ	3016
Louisiana DHH	LA050010
Maine DHS	WA0035
Michigan DEQ	9949
Minnesota DOH	053-999-368
Montana DPHHS	CERT0047
Nevada DEP	WA35
New Jersey DEP	WA005
New Mexico ED	-
North Carolina DWQ	605
Oklahoma DEQ	9801
Oregon - DHS	WA200001
South Carolina DHEC	61002
Utah DOH	COLU
Washington DOE	C1203
Wisconsin DNR	998386840
Wyoming (EPA Region 8)	-

Case Narrative

00005

COLUMBIA ANALYTICAL SERVICES, INC.

Client: PES Environmental **Service Request No.:** K0704921
Project: Univar Portland **Date Received:** 06/08/07
Sample Matrix: Soil

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II data deliverables. When appropriate to the method, method blank results have been reported with each analytical test. Surrogate recoveries have been reported for all applicable organic analyses. Additional quality control analyses reported herein include: Laboratory Duplicate (DUP), Matrix Spike (MS), Matrix/Duplicate Matrix Spike (MS/DMS), and Laboratory Control Sample (LCS).

Sample Receipt

Three soil samples were received for analysis at Columbia Analytical Services on 06/08/07. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

Total Metals

No anomalies associated with the analysis of these samples were observed.

Total Petroleum Hydrocarbon – Hydrocarbon Identification by NWTPH - HCID

No anomalies associated with the analysis of these samples were observed.

Organochlorine Pesticides by EPA Method 8081A

Second Source Exceptions:

The analysis of Chlorinated Pesticides by EPA 8081 requires the use of dual column confirmation. When the Initial Calibration Verification (ICV) criteria are met for both columns, the higher of the two sample results is generally reported. The primary evaluation criteria were not met on the confirmation column for Toxaphene in CAL 6383. The ICV results are reported from the acceptable column. The data quality is not affected. No further corrective action was necessary.

Pentachlorophenol by EPA Method 8151M

Continuing Calibration Verification Exceptions:

The primary evaluation criterion was exceeded for the following surrogate in Continuing Calibration Verification (CCV) 0621F003, 0621F018, 0621F027: 4-Bromo-2, 6-dichlorophenol. In accordance with CAS standard operating procedures, the alternative evaluation specified in the EPA method was performed using the average percent recovery of all analytes in the verification standard. The standard meets the alternative evaluation criteria.

Approved by _____ *AK* Date 7/3/07

000 6

Volatile Organic Compounds by EPA Method 8260B

Initial Calibration (ICAL) Exceptions:

The primary evaluation criterion was exceeded for 1,1,2,2-Tetrachloroethane in ICAL ID CAL6348. In accordance with CAS standard operating procedures, the alternative evaluation specified in the EPA method was performed using the mean Relative Standard Deviation (RSD) of all analytes in the calibration. The result of the mean RSD calculation was 7.0%. The calibration meets the alternative evaluation criteria. Note that CAS/Kelso policy does not allow the use of averaging if any analyte in the ICAL exceeds 30% RSD.

Internal Standard Exceptions:

The control criteria were exceeded for the following internal standard in sample SB-10-2-15 due to matrix interferences: 1,4-Dichlorobenzene-d4. A reanalysis was performed, but produced similar results. The results of the original analysis are reported. No further corrective action was required.

Semivolatile Organic Compounds by EPA Method 8270C

Initial Calibration Exceptions:

The primary evaluation criterion was exceeded for the following analytes in Initial Calibration (ICAL) ID CAL6364: 4-Methylphenol, Naphthalene, Hexachlorocyclopentadiene, 2,4-Dinitrophenol, Phenanthrene, Anthracene. In accordance with CAS standard operating procedures, the alternative evaluation specified in the EPA method was performed using the mean Relative Standard Deviation (RSD) of all analytes in the calibration. The result of the mean RSD calculation was 10.6%. The calibration meets the alternative evaluation criteria. Note that CAS/Kelso policy does not allow the use of averaging if any analyte in the ICAL exceeds 30% RSD.

Relative Percent Difference Exceptions:

The Relative Percent Difference (RPD) for the following analyte in the replicate Laboratory Control Sample (LCS) analyses (KWG0706819-3 and KWG0706819-4) was outside control criteria: Benzoic Acid. All spike recoveries in the MS, DMS, and associated Laboratory Control Sample (LCS) were within acceptance limits, indicating the analytical batch was in control. No further corrective action was appropriate.

Approved by _____ *[Signature]* Date 7/15/07

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Chain of Custody Documentation

000 8



Univar USA Inc.

Univar Environmental Affairs

Tel 425/889-3715 Fax 425/889-4133

Univar Chain of Custody/Laboratory Analysis Request Form

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Bill to: Jennifer Thompson
 Univar USA Inc.
 PO Box 34325
 Seattle, WA 98124-1325

Lab Name: CAS
 Address: Kelso
 Telephone: 360-577-7222

Univar Project Site:

Univar Portland

Contractor Project Manager:

Matt Dahl

Firm: PES Env

Address: Lake Bellevue

Bellevue WA 98005

Tel: 425-637-1905

Sampler's Signature: *Dahl*

SAMPLE I.D. DATE TIME LAB I.D. MATRIX

NUMBER OF CONTAINERS

SB-09-3-15	6/7/7	1230		Soil	3	X	X	X	X	X	
SB-10-2-15	↓	1330		Soil	3	X	X	X	X	X	
SB-11-2-17	↓	1400		Soil	3	X	X	X	X	X	
Temp				H ₂ O	-						

8260B

Relinquished by/date:

16/7/7

Received by/date:

Matt Dahl 14/9/0

Relinquished by/date:

/

Received by/date:

/

Relinquished by/date:

/

Received by/date:

/

Relinquished by/date:

/

Received by/date:

/

REPORT REQUIREMENTS: (circle)

I. Routine Report

II. Report

III. Data Validation Report

IV. CLP Deliverable Report

//Requested Report Date:



Standard (7-10 working days)

TURNAROUND TIME: 24 hr 48 hr 5 day

Provide Verbal Prelim. Results



Fax Prelim. Results

REMARKS:

*RCRA Metals - Arsenic
 barium, cadmium, chromium
 lead, mercury, selenium, &
 silver

Be sure to stir
 jar contents
 before analyses

SPECIAL INSTRUCTIONS & COMMENTS:

Fax copy of lab results to Envir. Affairs Dept., 425/889-4133

Atten Anita Ford (Facility Work)

816-001-02-003 171

**Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form**

PC HJ

Client / Project: Univar

Service Request *K07*

04921

Received: 6-8-07

Opened: 10-8-07

By: *Ali*

1. Samples were received via? US Mail Fed Ex UPS DHL GH GS PDX Courier Hand Delivered

2. Samples were received in: (circle) Cooler Box Envelope Other _____ NA

3. Were custody seals on coolers? NA Y N If yes, how many and where? 1 front

If present, were custody seals intact? Y N If present, were they signed and dated? Y N

4. Is shipper's air-bill filed? If not, record air-bill number: _____ NA Y N

5. Temperature of cooler(s) upon receipt (°C):

6.7
5.4

Temperature Blank (°C):

6. If applicable, list Chain of Custody Numbers:

7. Were custody papers properly filled out (ink, signed, etc.)?

NA Y N

8. Packing material used. *Inserts* *Bubble Wrap* *Gel Packs* *Wet Ice* *Sleeves* *Other*

9. Did all bottles arrive in good condition (unbroken)?

NA Y N

10. Were all sample labels complete (i.e. analysis, preservation, etc.)?

11. Did all sample labels and tags agree with custody papers? *Indicate*

12. Name the correct types of bottles used for the tests indicated?

12. What are the following types of evidence? (List 3)

15. Were all of the preserved sources mentioned in the previous question appropriate?

14. Were VOA vials and 1031 Mercury bottles checked for absence of air bubbles? Indicate in the table below.

15. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection?

16. Was C12/Res negative?

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC
SB-09-3-15	SB-09-2-15	H602 jar	

Additional Notes, Discrepancies, & Resolutions:

0010

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Total Solids

00011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921

Total Solids

Prep Method: NONE **Analysis Method:** 160.3M **Test Notes:** **Units:** PERCENT **Basis:** Wet

Sample Name	Lab Code	Date Collected	Date Received	Date Analyzed	Result	Result Notes
SB-09-3-15	K0704921-001	06/07/2007	06/08/2007	06/11/2007	85.3	
SB-10-2-15	K0704921-002	06/07/2007	06/08/2007	06/11/2007	83.7	
SB-11-2-17	K0704921-003	06/07/2007	06/08/2007	06/11/2007	88.8	

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SuperSet Reference: W0706525

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007
Date Analyzed: 06/11/2007

Duplicate Sample Summary

Total Solids

Prep Method: NONE **Analysis Method:** 160.3M **Test Notes:**
Units: PERCENT **Basis:** Wet

Sample Name	Lab Code	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
SB-09-3-15	K0704921-001	85.3	86.1	85.7	<1	

00013

Metals

00014

METALS

- Cover Page -
INORGANIC ANALYSIS DATA PACKAGE

Client: Univar USA, Inc.

Service Request: K0704921

Project No.:

Project Name: Univar Portland

<u>Sample No.</u>	<u>Lab Sample ID.</u>
SB-09-3-15	K0704921-001
SB-09-3-15D	K0704921-001D
SB-09-3-15S	K0704921-001S
SB-10-2-15	K0704921-002
SB-11-2-17	K0704921-003
Method Blank	K0704921-MB
Batch QCD	K0705107-004D
Batch QCS	K0705107-004S

Were ICP interelement corrections applied?

Yes/No YES

Were ICP background corrections applied?

Yes/No YES

If yes-were raw data generated before
application of background corrections?

Yes/No NO

Comments:

Signature: JH Cr

Date: 7/3/07

00015

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Univar USA, Inc. Service Request: K0704921
 Project No.: NA Date Collected: 06/07/07
 Project Name: Univar Portland Date Received: 06/08/07
 Matrix: SOIL Units: MG/KG
 Basis: Dry

Sample Name: SB-09-3-15

Lab Code: K0704921-001

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6010B	23	2	6/12/07	6/13/07	23	U	
Barium	6010B	2.3	2	6/12/07	6/13/07	144		
Cadmium	6010B	1.2	2	6/12/07	6/13/07	1.2	U	
Chromium	6010B	2.3	2	6/12/07	6/13/07	23.1		
Lead	6010B	23	2	6/12/07	6/13/07	23	U	
Mercury	7471A	0.02	1	6/21/07	6/25/07	0.06		
Selenium	6010B	46	2	6/12/07	6/13/07	46	U	
Silver	6010B	2.3	2	6/12/07	6/13/07	2.3	U	

% Solids: 85.3

Comments:

00016

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Univar USA, Inc. Service Request: K0704921
 Project No.: NA Date Collected: 06/07/07
 Project Name: Univar Portland Date Received: 06/08/07
 Matrix: SOIL Units: MG/KG
 Basis: Dry

Sample Name: SB-10-2-15

Lab Code: K0704921-002

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6010B	24	2	6/12/07	6/13/07	24	U	
Barium	6010B	2.4	2	6/12/07	6/13/07	151		
Cadmium	6010B	1.2	2	6/12/07	6/13/07	1.2	U	
Chromium	6010B	2.4	2	6/12/07	6/13/07	23.7		
Lead	6010B	24	2	6/12/07	6/13/07	24	U	
Mercury	7471A	0.02	1	6/21/07	6/25/07	0.04		
Selenium	6010B	48	2	6/12/07	6/13/07	48	U	
Silver	6010B	2.4	2	6/12/07	6/13/07	2.4	U	

% Solids: 83.7

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Univar USA, Inc. Service Request: K0704921
 Project No.: NA Date Collected: 06/07/07
 Project Name: Univar Portland Date Received: 06/08/07
 Matrix: SOIL Units: MG/KG
 Basis: Dry

Sample Name: SB-11-2-17

Lab Code: K0704921-003

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6010B	22	2	6/12/07	6/13/07	22	U	
Barium	6010B	2.2	2	6/12/07	6/13/07	119		
Cadmium	6010B	1.1	2	6/12/07	6/13/07	1.1	U	
Chromium	6010B	2.2	2	6/12/07	6/13/07	20.6		
Lead	6010B	22	2	6/12/07	6/13/07	22	U	
Mercury	7471A	0.02	1	6/21/07	6/25/07	0.04		
Selenium	6010B	44	2	6/12/07	6/13/07	44	U	
Silver	6010B	2.2	2	6/12/07	6/13/07	2.2	U	

% Solids: 88.8

Comments:

00018

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

Client: Univar USA, Inc.

Service Request: K0704921

Project No.: NA

Date Collected:

Project Name: Univar Portland

Date Received:

Matrix: SOIL

Units: MG/KG

Basis: Dry

Sample Name: Method Blank

Lab Code: K0704921-MB

Analyte	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	C	Q
Arsenic	6010B	20	2	6/12/07	6/13/07	20	U	
Barium	6010B	2.0	2	6/12/07	6/13/07	2.0	U	
Cadmium	6010B	1.0	2	6/12/07	6/13/07	1.0	U	
Chromium	6010B	2.0	2	6/12/07	6/13/07	2.0	U	
Lead	6010B	20	2	6/12/07	6/13/07	20	U	
Mercury	7471A	0.02	1	6/21/07	6/25/07	0.02	U	
Selenium	6010B	40	2	6/12/07	6/13/07	40	U	
Silver	6010B	2.0	2	6/12/07	6/13/07	2.0	U	

% Solids: 100.0

Comments:

METALS

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SPIKE SAMPLE RECOVERY

Client: Univar USA, Inc.

Service Request: K0704921

Project No.:

Units: mg/kg

Project Name: Univar Portland

Basis: Dry

Matrix: SOIL

% Solids: 92.5

Sample Name: Batch QCS

Lab Code: K0705107-004S

Analyte	Control Limit %R	Spike Result C	Sample Result C	Spike Added	%R	Q	Method
Mercury	60 - 123	0.49	0.02	0.47	100		7471A

An empty field in the Control Limit column indicates the control limit is not applicable

METALS

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SPIKE SAMPLE RECOVERY

Client: Univar USA, Inc.
 Project No.:
 Project Name: Univar Portland
 Matrix: SOIL

Service Request: K0704921
 Units: mg/kg
 Basis: Dry
 % Solids: 85.3

Sample Name: SB-09-3-15S

Lab Code: K0704921-001S

Analyte	Control Limit %R	Spike Result C	Sample Result C	Spike Added	%R	Q	Method
Arsenic	49 - 139	112	23.0 U	115	97		6010B
Barium	79 - 139	589	144	460	97		6010B
Cadmium	58 - 144	11.9	1.2 U	11.5	103		6010B
Chromium	22 - 184	69.6	23.1	46.0	101		6010B
Lead	49 - 148	125	23.0 U	115	108		6010B
Selenium	68 - 127	117	46.0 U	115	102		6010B
Silver	44 - 138	11.8	2.3 U	11.5	103		6010B

An empty field in the Control Limit column indicates the control limit is not applicable.

METALS

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DUPLICATES

Client: Univar USA, Inc.

Service Request: K0704921

Project No.:

Units: mg/kg

Project Name: Univar Portland

Basis: Dry

Matrix: SOIL

% Solids: 92.5

Sample Name: Batch QCD

Lab Code: K0705107-004D

Analyte	Control Limit (%)	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury		0.02	0.02 U	200.0		7471A

An empty field in the Control Limit column indicates the control limit is not applicable

METALS

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DUPLICATES

Client: Univar USA, Inc.

Service Request: K0704921

Project No.:

Units: mg/kg

Project Name: Univar Portland

Basis: Dry

Matrix: SOIL

% Solids: 85.3

Sample Name: SB-09-3-15D

Lab Code: K0704921-001D

Analyte	Control Limit (%)	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Arsenic		23	U	23	U			6010B
Barium	30	144		133		8		6010B
Cadmium		1.2	U	1.2	U			6010B
Chromium	30	23.1		23.2		0		6010B
Lead		23	U	23	U			6010B
Selenium		46	U	47	U			6010B
Silver		2.3	U	2.3	U			6010B

An empty field in the Control Limit column indicates the control limit is not applicable

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METALS

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LABORATORY CONTROL SAMPLE

Client: Univar USA, Inc.

Service Request: K0704921

Project No.:

Project Name: Univar Portland

Aqueous LCS Source: Inorganic Ventures

Solid LCS Source: ERA Lot #D045540

Analyte	Aqueous mg/L			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits (%)	%R
Arsenic				146	156	81.0	123	107
Barium				351	370	77.0	139	105
Cadmium				91.9	101	92.0	125	110
Chromium				176	193	93.0	123	110
Lead				68.1	72.3	82.0	131	106
Mercury				1.77	1.84	75.0	118	104
Selenium				73.0	77.2	68.0	166	106
Silver				93.0	99.2	90.0	118	107

00024

NWTPH-HCID

00025

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Total Petroleum Hydrocarbon - Hydrocarbon Identification

Sample Name: SB-09-3-15 **Units:** mg/Kg
Lab Code: K0704921-001 **Basis:** Dry

Extraction Method: EPA 3550B **Level:** Low
Analysis Method: NWTPH_HCID

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Gasoline Range Organics (GRO)	ND	U	24	1	06/11/07	06/12/07	KWG0706515	
Diesel Range Organics (DRO)	ND	U	59	1	06/11/07	06/12/07	KWG0706515	
Residual Range Organics (RRO)	ND	U	120	1	06/11/07	06/12/07	KWG0706515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	91	20-150	06/12/07	Acceptable
o-Terphenyl	104	50-150	06/12/07	Acceptable
n-Triacontane	103	50-150	06/12/07	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Total Petroleum Hydrocarbon - Hydrocarbon Identification

Sample Name: SB-10-2-15 **Units:** mg/Kg
Lab Code: K0704921-002 **Basis:** Dry

Extraction Method: EPA 3550B **Level:** Low
Analysis Method: NWTPH_HCID

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Gasoline Range Organics (GRO)	ND	U	24	1	06/11/07	06/12/07	KWG0706515	
Diesel Range Organics (DRO)	ND	U	60	1	06/11/07	06/12/07	KWG0706515	
Residual Range Organics (RRO)	ND	U	120	1	06/11/07	06/12/07	KWG0706515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	90	20-150	06/12/07	Acceptable
o-Terphenyl	101	50-150	06/12/07	Acceptable
n-Triacontane	100	50-150	06/12/07	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Total Petroleum Hydrocarbon - Hydrocarbon Identification

Sample Name: SB-11-2-17 **Units:** mg/Kg
Lab Code: K0704921-003 **Basis:** Dry
Extraction Method: EPA 3550B **Level:** Low
Analysis Method: NWTPH_HCID

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Gasoline Range Organics (GRO)	ND	U	23	1	06/11/07	06/12/07	KWG0706515	
Diesel Range Organics (DRO)	ND	U	57	1	06/11/07	06/12/07	KWG0706515	
Residual Range Organics (RRO)	ND	U	120	1	06/11/07	06/12/07	KWG0706515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	81	20-150	06/12/07	Acceptable
o-Terphenyl	96	50-150	06/12/07	Acceptable
n-Triacontane	101	50-150	06/12/07	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: NA
Date Received: NA

Total Petroleum Hydrocarbon - Hydrocarbon Identification

Sample Name:	Method Blank	Units:	mg/Kg
Lab Code:	KWG0706515-3	Basis:	Dry
Extraction Method:	EPA 3550B	Level:	Low
Analysis Method:	NWTPH_HCID		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Gasoline Range Organics (GRO)	ND	U	20	1	06/11/07	06/12/07	KWG0706515	
Diesel Range Organics (DRO)	ND	U	50	1	06/11/07	06/12/07	KWG0706515	
Residual Range Organics (RRO)	ND	U	100	1	06/11/07	06/12/07	KWG0706515	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	92	20-150	06/12/07	Acceptable
o-Terphenyl	93	50-150	06/12/07	Acceptable
n-Triacontane	95	50-150	06/12/07	Acceptable

Comments: _____

**Organochlorine Pesticides
EPA Method 8081**

00030

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Organochlorine Pesticides

Sample Name: SB-09-3-15
Lab Code: K0704921-001
Extraction Method: EPA 3541
Analysis Method: 8081A

Units: ug/Kg
Basis: Dry
Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
alpha-BHC	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
beta-BHC	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
gamma-BHC (Lindane)	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
delta-BHC	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Heptachlor	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Aldrin	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Heptachlor Epoxide	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
gamma-Chlordane†	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endosulfan I	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
alpha-Chlordane	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Dieldrin	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDE	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endrin	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endosulfan II	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDD	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endrin Aldehyde	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endosulfan Sulfate	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDT	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endrin Ketone	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Methoxychlor	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Toxaphene	ND U	250	1	06/20/07	06/27/07	KWG0706859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Tetrachloro-m-xylene	75	32-138	06/27/07	Acceptable
Decachlorobiphenyl	89	23-162	06/27/07	Acceptable

† Analyte Comments

gamma-Chlordane For this analyte (CAS Registry No. 5103-74-2), USEPA has corrected the name to be beta-Chlordane, also known as trans-Chlordane.

Comments: _____

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Page 1 of 1

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Organochlorine Pesticides

Sample Name: SB-10-2-15
Lab Code: K0704921-002

Extraction Method: EPA 3541
Analysis Method: 8081A

Units: ug/Kg
Basis: Dry

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
alpha-BHC	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
beta-BHC	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
gamma-BHC (Lindane)	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
delta-BHC	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Heptachlor	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Aldrin	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Heptachlor Epoxide	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
gamma-Chlordane†	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endosulfan I	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
alpha-Chlordane	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Dieldrin	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDE	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endrin	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endosulfan II	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDD	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endrin Aldehyde	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endosulfan Sulfate	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDT	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endrin Ketone	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Methoxychlor	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Toxaphene	ND U	250	1	06/20/07	06/27/07	KWG0706859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Tetrachloro-m-xylene	81	32-138	06/27/07	Acceptable
Decachlorobiphenyl	93	23-162	06/27/07	Acceptable

† Analyte Comments

gamma-Chlordane For this analyte (CAS Registry No. 5103-74-2), USEPA has corrected the name to be beta-Chlordane, also known as trans-Chlordane.

Comments: _____

00032

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Organochlorine Pesticides

Sample Name: SB-11-2-17
Lab Code: K0704921-003

Units: ug/Kg
Basis: Dry

Extraction Method: EPA 3541
Analysis Method: 8081A

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
alpha-BHC	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
beta-BHC	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
gamma-BHC (Lindane)	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
delta-BHC	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Heptachlor	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Aldrin	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Heptachlor Epoxide	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
gamma-Chlordane†	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endosulfan I	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
alpha-Chlordane	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Dieldrin	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDE	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endrin	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endosulfan II	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDD	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endrin Aldehyde	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endosulfan Sulfate	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDT	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Endrin Ketone	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Methoxychlor	ND U	5.0	1	06/20/07	06/27/07	KWG0706859	
Toxaphene	ND U	250	1	06/20/07	06/27/07	KWG0706859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Tetrachloro-m-xylene	84	32-138	06/27/07	Acceptable
Decachlorobiphenyl	96	23-162	06/27/07	Acceptable

† Analyte Comments

gamma-Chlordane For this analyte (CAS Registry No. 5103-74-2), USEPA has corrected the name to be beta-Chlordane, also known as trans-Chlordane.

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: NA
Date Received: NA

Organochlorine Pesticides

Sample Name:	Method Blank	Units:	ug/Kg
Lab Code:	KWG0706859-4	Basis:	Dry
Extraction Method:	EPA 3541	Level:	Low
Analysis Method:	8081A		

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
alpha-BHC	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
beta-BHC	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
gamma-BHC (Lindane)	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
delta-BHC	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Heptachlor	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Aldrin	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Heptachlor Epoxide	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
gamma-Chlordane†	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Endosulfan I	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
alpha-Chlordane	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Dieldrin	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDE	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Endrin	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Endosulfan II	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDD	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Endrin Aldehyde	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Endosulfan Sulfate	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
4,4'-DDT	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Endrin Ketone	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Methoxychlor	ND U	4.1	1	06/20/07	06/27/07	KWG0706859	
Toxaphene	ND U	210	1	06/20/07	06/27/07	KWG0706859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Tetrachloro-m-xylene	82	32-138	06/27/07	Acceptable
Decachlorobiphenyl	94	23-162	06/27/07	Acceptable

† Analyte Comments

gamma-Chlordane For this analyte (CAS Registry No. 5103-74-2), USEPA has corrected the name to be beta-Chlordane, also known as trans-Chlordane.

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921**Surrogate Recovery Summary
Organochlorine Pesticides**

Extraction Method: EPA 3541
Analysis Method: 8081A

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1	Sur2
SB-09-3-15	K0704921-001	75	89
SB-10-2-15	K0704921-002	81	93
SB-11-2-17	K0704921-003	84	96
Method Blank	KWG0706859-4	82	94
Batch QC	K0704891-001	82	94
Batch QCMS	KWG0706859-1	75	87
Batch QCDMS	KWG0706859-2	75	87
Lab Control Sample	KWG0706859-3	80	93

Surrogate Recovery Control Limits (%)

Sur1 = Tetrachloro-m-xylene 32-138
Sur2 = Decachlorobiphenyl 23-162

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Extracted: 06/20/2007
Date Analyzed: 06/27/2007

Matrix Spike/Duplicate Matrix Spike Summary
Organochlorine Pesticides

Sample Name:	Batch QC	Units:	ug/Kg
Lab Code:	K0704891-001	Basis:	Dry
Extraction Method:	EPA 3541	Level:	Low
Analysis Method:	8081A	Extraction Lot:	KWG0706859

Analyte Name	Sample Result	Batch QCMS KWG0706859-1 Matrix Spike			Batch QCDMS KWG0706859-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
alpha-BHC	ND	99.2	99.9	99	96.4	99.3	97	19-156	3	40
beta-BHC	ND	92.9	99.9	93	90.2	99.3	91	21-156	3	40
gamma-BHC (Lindane)	ND	99.2	99.9	99	96.3	99.3	97	17-167	3	40
delta-BHC	ND	108	99.9	108	105	99.3	106	25-171	3	40
Heptachlor	ND	95.1	99.9	95	92.1	99.3	93	18-158	3	40
Aldrin	ND	98.6	99.9	99	96.5	99.3	97	17-157	2	40
Heptachlor Epoxide	ND	96.2	99.9	96	94.3	99.3	95	12-165	2	40
gamma-Chlordane	ND	99.0	99.9	99	97.1	99.3	98	10-161	2	40
Endosulfan I	ND	67.0	99.9	67	66.2	99.3	67	10-141	1	40
alpha-Chlordane	ND	98.3	99.9	98	96.6	99.3	97	16-158	2	40
Dieldrin	ND	99.8	99.9	100	98.6	99.3	99	20-158	1	40
4,4'-DDE	ND	103	99.9	103	101	99.3	102	19-163	2	40
Endrin	ND	108	99.9	108	107	99.3	108	17-170	1	40
Endosulfan II	ND	75.6	99.9	76	74.8	99.3	75	11-148	1	40
4,4'-DDD	ND	98.2	99.9	98	97.0	99.3	98	18-161	1	40
Endrin Aldehyde	ND	93.8	99.9	94	93.3	99.3	94	12-147	0	40
Endosulfan Sulfate	ND	96.0	99.9	96	94.4	99.3	95	12-162	2	40
4,4'-DDT	ND	106	99.9	106	105	99.3	106	10-174	1	40
Endrin Ketone	ND	102	99.9	102	99.1	99.3	100	20-155	3	40
Methoxychlor	ND	105	99.9	105	104	99.3	105	17-170	1	40

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

00036

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Extracted: 06/20/2007
Date Analyzed: 06/27/2007

Lab Control Spike Summary
Organochlorine Pesticides

Extraction Method: EPA 3541
Analysis Method: 8081A

Units: ug/Kg
Basis: Dry
Level: Low

Extraction Lot: KWG0706859

Lab Control Sample

KWG0706859-3

Lab Control Spike

Analyte Name	Result	Expected	%Rec	Limits
alpha-BHC	110	100	110	40-157
beta-BHC	125	100	125	48-149
gamma-BHC (Lindane)	110	100	110	43-153
delta-BHC	121	100	121	54-166
Heptachlor	103	100	103	42-149
Aldrin	104	100	104	40-148
Heptachlor Epoxide	105	100	105	45-148
gamma-Chlordane	106	100	106	41-148
Endosulfan I	72.6	100	73	32-130
alpha-Chlordane	105	100	105	43-148
Dieldrin	106	100	106	47-147
4,4'-DDE	111	100	111	49-154
Endrin	116	100	116	49-170
Endosulfan II	81.7	100	82	37-138
4,4'-DDD	107	100	107	49-154
Endrin Aldehyde	101	100	101	43-140
Endosulfan Sulfate	102	100	102	45-149
4,4'-DDT	112	100	112	49-159
Endrin Ketone	108	100	108	46-155
Methoxychlor	112	100	112	47-161

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Pentachlorophenol
EPA Method 8151 Modified**

00038

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Pentachlorophenol

Sample Name: SB-09-3-15 **Units:** ug/Kg
Lab Code: K0704921-001 **Basis:** Dry
Extraction Method: METHOD **Level:** Low
Analysis Method: 8151M

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Pentachlorophenol	ND	U	5.9	1	06/18/07	06/22/07	KWG0706623	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	120	21-128	06/22/07	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Pentachlorophenol

Sample Name: SB-10-2-15 **Units:** ug/Kg
Lab Code: K0704921-002 **Basis:** Dry
Extraction Method: METHOD **Level:** Low
Analysis Method: 8151M

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Pentachlorophenol	ND	U	5.9	1	06/18/07	06/25/07	KWG0706623	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	98	21-128	06/25/07	Acceptable

Comments: _____

00040

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Pentachlorophenol

Sample Name: SB-11-2-17 **Units:** ug/Kg
Lab Code: K0704921-003 **Basis:** Dry
Extraction Method: METHOD **Level:** Low
Analysis Method: 8151M

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Pentachlorophenol	6.0		5.6	1	06/18/07	06/25/07	KWG0706623	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	100	21-128	06/25/07	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: NA
Date Received: NA

Pentachlorophenol

Sample Name: Method Blank **Units:** ug/Kg
Lab Code: KWG0706623-4 **Basis:** Dry
Extraction Method: METHOD **Level:** Low
Analysis Method: 8151M

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Pentachlorophenol	ND	U	5.0	1	06/18/07	06/21/07	KWG0706623	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	95	21-128	06/21/07	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921**Surrogate Recovery Summary**
Pentachlorophenol

Extraction Method: METHOD
Analysis Method: 8151M

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1
SB-09-3-15	K0704921-001	120
SB-10-2-15	K0704921-002	98
SB-11-2-17	K0704921-003	100
Method Blank	KWG0706623-4	95
Batch QC	K0704878-004	60
Batch QCMS	KWG0706623-1	88
Batch QCDMS	KWG0706623-2	92
Lab Control Sample	KWG0706623-3	87

Surrogate Recovery Control Limits (%)

Sur1 = 4-Bromo-2,6-dichlorophenol

21-128

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

00043

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Extracted: 06/18/2007
Date Analyzed: 06/21/2007

Matrix Spike/Duplicate Matrix Spike Summary
Pentachlorophenol

Sample Name:	Batch QC	Units:	ug/Kg
Lab Code:	K0704878-004	Basis:	Dry
Extraction Method:	METHOD	Level:	Low
Analysis Method:	8151M	Extraction Lot:	KWG0706623

Analyte Name	Sample Result	Batch QCMS KWG0706623-1 Matrix Spike			Batch QCDMS KWG0706623-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Pentachlorophenol	ND	38.7	51.2	76	41.8	51.2	82	40-171	8	40

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

00044

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Extracted: 06/18/2007
Date Analyzed: 06/21/2007

Lab Control Spike Summary
Pentachlorophenol

Extraction Method: METHOD
Analysis Method: 8151M

Units: ug/Kg
Basis: Dry

Level: Low

Extraction Lot: KWG0706623

Lab Control Sample
KWG0706623-3

Lab Control Spike

Analyte Name	Lab Control Spike			%Rec Limits
	Result	Expected	%Rec	
Pentachlorophenol	40.2	50.0	80	51-140

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Volatile Organic Compounds
EPA Method 8260B

00046

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Volatile Organic Compounds

Sample Name: SB-09-3-15 **Units:** ug/Kg
Lab Code: K0704921-001 **Basis:** Dry
Extraction Method: EPA 5030A **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Chloromethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Vinyl Chloride	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Bromomethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Chloroethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Trichlorofluoromethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Acetone	ND	U	23	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloroethene	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Carbon Disulfide	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Methylene Chloride	ND	U	12	1	06/13/07	06/13/07	KWG0706645	
trans-1,2-Dichloroethene	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloroethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
2-Butanone (MEK)	ND	U	23	1	06/13/07	06/13/07	KWG0706645	
2,2-Dichloropropane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
cis-1,2-Dichloroethene	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Chloroform	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Bromochloromethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,1,1-Trichloroethane (TCA)	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloropropene	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Carbon Tetrachloride	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichloroethane (EDC)	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Benzene	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Trichloroethene (TCE)	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichloropropane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Bromodichloromethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Dibromomethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
2-Hexanone	ND	U	23	1	06/13/07	06/13/07	KWG0706645	
cis-1,3-Dichloropropene	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
Toluene	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
trans-1,3-Dichloropropene	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,1,2-Trichloroethane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	
4-Methyl-2-pentanone (MIBK)	ND	U	23	1	06/13/07	06/13/07	KWG0706645	
1,3-Dichloropropane	ND	U	5.7	1	06/13/07	06/13/07	KWG0706645	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Volatile Organic Compounds

Sample Name: SB-09-3-15
Lab Code: K0704921-001
Extraction Method: EPA 5030A
Analysis Method: 8260B

Units: ug/Kg
Basis: Dry
Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Tetrachloroethene (PCE)	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
Dibromochloromethane	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,2-Dibromoethane (EDB)	ND U	23	1	06/13/07	06/13/07	KWG0706645	
Chlorobenzene	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,1,1,2-Tetrachloroethane	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
Ethylbenzene	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
m,p-Xylenes	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
o-Xylene	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
Styrene	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
Bromoform	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
Isopropylbenzene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
1,1,2,2-Tetrachloroethane	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,2,3-Trichloropropane	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
Bromobenzene	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
n-Propylbenzene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
2-Chlorotoluene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
4-Chlorotoluene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
1,3,5-Trimethylbenzene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
tert-Butylbenzene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
1,2,4-Trimethylbenzene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
sec-Butylbenzene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
1,3-Dichlorobenzene	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
4-Isopropyltoluene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
1,4-Dichlorobenzene	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
n-Butylbenzene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichlorobenzene	ND U	5.7	1	06/13/07	06/13/07	KWG0706645	
1,2-Dibromo-3-chloropropane	ND U	23	1	06/13/07	06/13/07	KWG0706645	
1,2,4-Trichlorobenzene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
1,2,3-Trichlorobenzene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
Naphthalene	ND U	23	1	06/13/07	06/13/07	KWG0706645	
Hexachlorobutadiene	ND U	23	1	06/13/07	06/13/07	KWG0706645	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Volatile Organic Compounds

Sample Name: SB-09-3-15 **Units:** ug/Kg
Lab Code: K0704921-001 **Basis:** Dry

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	87	69-115	06/13/07	Acceptable
Toluene-d8	87	64-128	06/13/07	Acceptable
4-Bromofluorobenzene	80	54-129	06/13/07	Acceptable

Comments: _____

00049

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Volatile Organic Compounds

Sample Name:	SB-10-2-15	Units:	ug/Kg
Lab Code:	K0704921-002	Basis:	Dry
Extraction Method:	EPA 5030A	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Chloromethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Vinyl Chloride	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Bromomethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Chloroethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Trichlorofluoromethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Acetone	220	24	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloroethene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Carbon Disulfide	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Methylene Chloride	ND U	12	1	06/13/07	06/13/07	KWG0706645	
trans-1,2-Dichloroethene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloroethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
2-Butanone (MEK)	39	24	1	06/13/07	06/13/07	KWG0706645	
2,2-Dichloropropane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
cis-1,2-Dichloroethene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Chloroform	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Bromochloromethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,1,1-Trichloroethane (TCA)	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloropropene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Carbon Tetrachloride	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichloroethane (EDC)	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Benzene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Trichloroethene (TCE)	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichloropropane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Bromodichloromethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Dibromomethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
2-Hexanone	ND U	24	1	06/13/07	06/13/07	KWG0706645	
cis-1,3-Dichloropropene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Toluene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
trans-1,3-Dichloropropene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,1,2-Trichloroethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
4-Methyl-2-pentanone (MIBK)	ND U	24	1	06/13/07	06/13/07	KWG0706645	
1,3-Dichloropropane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Volatile Organic Compounds

Sample Name: SB-10-2-15 **Units:** ug/Kg
Lab Code: K0704921-002 **Basis:** Dry
Extraction Method: EPA 5030A **Level:** Low
Analysis Method: 8260B

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Tetrachloroethene (PCE)	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Dibromochloromethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,2-Dibromoethane (EDB)	ND U	24	1	06/13/07	06/13/07	KWG0706645	
Chlorobenzene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,1,1,2-Tetrachloroethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Ethylbenzene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
m,p-Xylenes	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
o-Xylene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Styrene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Bromoform	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Isopropylbenzene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
1,1,2,2-Tetrachloroethane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,2,3-Trichloropropane	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
Bromobenzene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
n-Propylbenzene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
2-Chlorotoluene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
4-Chlorotoluene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
1,3,5-Trimethylbenzene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
tert-Butylbenzene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
1,2,4-Trimethylbenzene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
sec-Butylbenzene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
1,3-Dichlorobenzene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
4-Isopropyltoluene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
1,4-Dichlorobenzene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
n-Butylbenzene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichlorobenzene	ND U	5.8	1	06/13/07	06/13/07	KWG0706645	
1,2-Dibromo-3-chloropropane	ND U	24	1	06/13/07	06/13/07	KWG0706645	
1,2,4-Trichlorobenzene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
1,2,3-Trichlorobenzene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
Naphthalene	ND U	24	1	06/13/07	06/13/07	KWG0706645	
Hexachlorobutadiene	ND U	24	1	06/13/07	06/13/07	KWG0706645	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Volatile Organic Compounds

Sample Name: SB-10-2-15 **Units:** ug/Kg
Lab Code: K0704921-002 **Basis:** Dry

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	86	69-115	06/13/07	Acceptable
Toluene-d8	86	64-128	06/13/07	Acceptable
4-Bromofluorobenzene	78	54-129	06/13/07	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Volatile Organic Compounds

Sample Name: SB-11-2-17 **Units:** ug/Kg
Lab Code: K0704921-003 **Basis:** Dry
Extraction Method: EPA 5030A **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Chloromethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Vinyl Chloride	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Bromomethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Chloroethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Trichlorofluoromethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Acetone	90		22	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloroethene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Carbon Disulfide	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Methylene Chloride	ND	U	11	1	06/13/07	06/13/07	KWG0706645	
trans-1,2-Dichloroethene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloroethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
2-Butanone (MEK)	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
2,2-Dichloropropane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
cis-1,2-Dichloroethene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Chloroform	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Bromochloromethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,1,1-Trichloroethane (TCA)	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloropropene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Carbon Tetrachloride	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichloroethane (EDC)	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Benzene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Trichloroethene (TCE)	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichloropropane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Bromodichloromethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Dibromomethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
2-Hexanone	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
cis-1,3-Dichloropropene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Toluene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
trans-1,3-Dichloropropene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,1,2-Trichloroethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
4-Methyl-2-pentanone (MIBK)	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
1,3-Dichloropropane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Volatile Organic Compounds

Sample Name:	SB-11-2-17	Units:	ug/Kg
Lab Code:	K0704921-003	Basis:	Dry
Extraction Method:	EPA 5030A	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Tetrachloroethene (PCE)	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Dibromochloromethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,2-Dibromoethane (EDB)	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
Chlorobenzene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,1,1,2-Tetrachloroethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Ethylbenzene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
m,p-Xylenes	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
o-Xylene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Styrene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Bromoform	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Isopropylbenzene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
1,1,2,2-Tetrachloroethane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,2,3-Trichloropropane	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
Bromobenzene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
n-Propylbenzene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
2-Chlorotoluene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
4-Chlorotoluene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
1,3,5-Trimethylbenzene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
tert-Butylbenzene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
1,2,4-Trimethylbenzene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
sec-Butylbenzene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
1,3-Dichlorobenzene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
4-Isopropyltoluene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
1,4-Dichlorobenzene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
n-Butylbenzene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichlorobenzene	ND	U	5.4	1	06/13/07	06/13/07	KWG0706645	
1,2-Dibromo-3-chloropropane	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
1,2,4-Trichlorobenzene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
1,2,3-Trichlorobenzene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
Naphthalene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	
Hexachlorobutadiene	ND	U	22	1	06/13/07	06/13/07	KWG0706645	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Volatile Organic Compounds

Sample Name: SB-11-2-17 **Units:** ug/Kg
Lab Code: K0704921-003 **Basis:** Dry

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	88	69-115	06/13/07	Acceptable
Toluene-d8	87	64-128	06/13/07	Acceptable
4-Bromofluorobenzene	81	54-129	06/13/07	Acceptable

Comments: _____

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Merged

Form 1A - Organic

SuperSet Reference: RR73443

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Method Blank **Units:** ug/Kg
Lab Code: KWG0706645-5 **Basis:** Dry
Extraction Method: EPA 5030A **Level:** Low
Analysis Method: 8260B

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Chloromethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Vinyl Chloride	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Bromomethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Chloroethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Trichlorofluoromethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Acetone	ND U	20	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloroethene	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Carbon Disulfide	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Methylene Chloride	ND U	10	1	06/13/07	06/13/07	KWG0706645	
trans-1,2-Dichloroethene	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloroethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
2-Butanone (MEK)	ND U	20	1	06/13/07	06/13/07	KWG0706645	
2,2-Dichloropropane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
cis-1,2-Dichloroethene	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Chloroform	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Bromochloromethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,1,1-Trichloroethane (TCA)	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,1-Dichloropropene	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Carbon Tetrachloride	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichloroethane (EDC)	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Benzene	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Trichloroethene (TCE)	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichloropropane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Bromodichloromethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Dibromomethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
2-Hexanone	ND U	20	1	06/13/07	06/13/07	KWG0706645	
cis-1,3-Dichloropropene	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
Toluene	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
trans-1,3-Dichloropropene	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,1,2-Trichloroethane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	
4-Methyl-2-pentanone (MIBK)	ND U	20	1	06/13/07	06/13/07	KWG0706645	
1,3-Dichloropropane	ND U	5.0	1	06/13/07	06/13/07	KWG0706645	

Comments: _____

00056

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name:	Method Blank	Units:	ug/Kg
Lab Code:	KWG0706645-5	Basis:	Dry
Extraction Method:	EPA 5030A	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Tetrachloroethene (PCE)	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
Dibromochloromethane	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,2-Dibromoethane (EDB)	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
Chlorobenzene	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,1,1,2-Tetrachloroethane	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
Ethylbenzene	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
m,p-Xylenes	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
o-Xylene	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
Styrene	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
Bromoform	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
Isopropylbenzene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
1,1,2,2-Tetrachloroethane	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,2,3-Trichloropropane	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
Bromobenzene	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
n-Propylbenzene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
2-Chlorotoluene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
4-Chlorotoluene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
1,3,5-Trimethylbenzene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
tert-Butylbenzene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
1,2,4-Trimethylbenzene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
sec-Butylbenzene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
1,3-Dichlorobenzene	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
4-Isopropyltoluene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
1,4-Dichlorobenzene	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
n-Butylbenzene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
1,2-Dichlorobenzene	ND	U	5.0	1	06/13/07	06/13/07	KWG0706645	
1,2-Dibromo-3-chloropropane	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
1,2,4-Trichlorobenzene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
1,2,3-Trichlorobenzene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
Naphthalene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	
Hexachlorobutadiene	ND	U	20	1	06/13/07	06/13/07	KWG0706645	

Comments: _____

00057

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Method Blank **Units:** ug/Kg
Lab Code: KWG0706645-5 **Basis:** Dry

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	80	69-115	06/13/07	Acceptable
Toluene-d8	85	64-128	06/13/07	Acceptable
4-Bromofluorobenzene	85	54-129	06/13/07	Acceptable

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921**Surrogate Recovery Summary
Volatile Organic Compounds**

Extraction Method: EPA 5030A
Analysis Method: 8260B

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1	Sur2	Sur3
SB-09-3-15	K0704921-001	87	87	80
SB-10-2-15	K0704921-002	86	86	78
SB-11-2-17	K0704921-003	88	87	81
Method Blank	KWG0706645-5	80	85	85
SB-09-3-15MS	KWG0706645-1	84	90	86
SB-09-3-15DMS	KWG0706645-2	83	89	85
Lab Control Sample	KWG0706645-3	86	88	87
Duplicate Lab Control Sample	KWG0706645-4	81	87	86

Surrogate Recovery Control Limits (%)

Sur1 = Dibromofluoromethane	69-115
Sur2 = Toluene-d8	64-128
Sur3 = 4-Bromofluorobenzene	54-129

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Extracted: 06/13/2007
Date Analyzed: 06/13/2007

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds

Sample Name:	SB-09-3-15	Units:	ug/Kg
Lab Code:	K0704921-001	Basis:	Dry
Extraction Method:	EPA 5030A	Level:	Low
Analysis Method:	8260B	Extraction Lot:	KWG0706645

Analyte Name	Sample Result	SB-09-3-15MS			SB-09-3-15DMS			%Rec Limits	RPD	RPD Limit			
		KWG0706645-1			KWG0706645-2								
		Matrix Spike			Duplicate Matrix Spike								
		Result	Expected	%Rec	Result	Expected	%Rec						
1,1-Dichloroethene	ND	58.3	58.2	100	54.0	57.3	94	33-142	8	40			
Benzene	ND	53.6	58.2	92	50.6	57.3	88	30-131	6	40			
Trichloroethene (TCE)	ND	56.9	58.2	98	54.8	57.3	96	23-136	4	40			
Toluene	ND	54.0	58.2	93	51.3	57.3	90	18-132	5	40			
Chlorobenzene	ND	46.6	58.2	80	44.9	57.3	78	10-132	4	40			
1,2-Dichlorobenzene	ND	44.0	58.2	76	42.5	57.3	74	10-132	3	40			
Naphthalene	ND	36.6	58.2	63	40.2	57.3	70	10-140	9	40			

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Extracted: 06/13/2007
Date Analyzed: 06/13/2007

Lab Control Spike/Duplicate Lab Control Spike Summary
Volatile Organic Compounds

Extraction Method: EPA 5030A
Analysis Method: 8260B

Units: ug/Kg
Basis: Dry
Level: Low
Extraction Lot: KWG0706645

Analyte Name	Lab Control Sample KWG0706645-3			Duplicate Lab Control Sample KWG0706645-4			%Rec Limits	RPD	RPD Limit			
	Lab Control Spike			Duplicate Lab Control Spike								
	Result	Expected	%Rec	Result	Expected	%Rec						
Dichlorodifluoromethane	47.1	50.0	94	43.3	50.0	87	29-172	8	40			
Chloromethane	48.0	50.0	96	43.4	50.0	87	53-145	10	40			
Vinyl Chloride	48.5	50.0	97	44.7	50.0	89	61-144	8	40			
Bromomethane	55.1	50.0	110	51.8	50.0	104	58-161	6	40			
Chloroethane	51.6	50.0	103	47.2	50.0	94	62-138	9	40			
Trichlorofluoromethane	48.1	50.0	96	43.4	50.0	87	56-127	10	40			
Acetone	208	250	83	176	250	70	49-124	17	40			
1,1-Dichloroethene	56.8	50.0	114	52.9	50.0	106	70-142	7	40			
Carbon Disulfide	107	100	107	100	100	100	68-145	6	40			
Methylene Chloride	50.7	50.0	101	48.2	50.0	96	56-144	5	40			
trans-1,2-Dichloroethene	51.6	50.0	103	47.6	50.0	95	71-129	8	40			
1,1-Dichloroethane	48.5	50.0	97	44.6	50.0	89	72-132	8	40			
2-Butanone (MEK)	255	250	102	209	250	83	62-122	20	40			
2,2-Dichloropropane	52.7	50.0	105	49.2	50.0	98	70-140	7	40			
cis-1,2-Dichloroethene	54.5	50.0	109	49.8	50.0	100	75-136	9	40			
Chloroform	48.6	50.0	97	44.3	50.0	89	71-123	9	40			
Bromochloromethane	52.9	50.0	106	47.6	50.0	95	74-124	11	40			
1,1,1-Trichloroethane (TCA)	51.0	50.0	102	48.1	50.0	96	70-137	6	40			
1,1-Dichloropropene	51.7	50.0	103	48.8	50.0	98	75-138	6	40			
Carbon Tetrachloride	51.8	50.0	104	48.9	50.0	98	70-143	6	40			
1,2-Dichloroethane (EDC)	51.8	50.0	104	45.3	50.0	91	66-131	13	40			
Benzene	48.9	50.0	98	46.7	50.0	93	70-129	5	40			
Trichloroethene (TCE)	51.5	50.0	103	49.5	50.0	99	75-132	4	40			
1,2-Dichloropropane	49.7	50.0	99	46.5	50.0	93	75-128	7	40			
Bromodichloromethane	53.8	50.0	108	49.5	50.0	99	78-135	8	40			
Dibromomethane	54.1	50.0	108	46.8	50.0	94	75-119	14	40			
2-Hexanone	261	250	104	208	250	83	55-131	22	40			
cis-1,3-Dichloropropene	54.9	50.0	110	51.0	50.0	102	78-129	7	40			
Toluene	49.5	50.0	99	46.7	50.0	93	74-126	6	40			
trans-1,3-Dichloropropene	45.5	50.0	91	42.7	50.0	85	70-119	6	40			
1,1,2-Trichloroethane	47.2	50.0	94	43.6	50.0	87	76-116	8	40			
4-Methyl-2-pentanone (MIBK)	263	250	105	213	250	85	62-143	21	40			
1,3-Dichloropropane	47.5	50.0	95	43.9	50.0	88	75-123	8	40			
Tetrachloroethene (PCE)	47.1	50.0	94	44.5	50.0	89	77-125	6	40			
Dibromochloromethane	49.1	50.0	98	45.6	50.0	91	80-124	7	40			

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

00061

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Extracted: 06/13/2007
Date Analyzed: 06/13/2007

Lab Control Spike/Duplicate Lab Control Spike Summary
Volatile Organic Compounds

Extraction Method: EPA 5030A
Analysis Method: 8260B

Units: ug/Kg

Basis: Dry

Level: Low

Extraction Lot: KWG0706645

Analyte Name	Lab Control Sample KWG0706645-3			Duplicate Lab Control Sample KWG0706645-4			%Rec Limits	RPD	RPD Limit			
	Lab Control Spike			Duplicate Lab Control Spike								
	Result	Expected	%Rec	Result	Expected	%Rec						
1,2-Dibromoethane (EDB)	48.6	50.0	97	43.7	50.0	87	77-115	10	40			
Chlorobenzene	44.4	50.0	89	42.2	50.0	84	78-115	5	40			
1,1,1,2-Tetrachloroethane	46.6	50.0	93	44.5	50.0	89	79-116	5	40			
Ethylbenzene	46.8	50.0	94	45.0	50.0	90	83-122	4	40			
m,p-Xylenes	95.7	100	96	90.7	100	91	79-125	5	40			
o-Xylene	46.8	50.0	94	45.0	50.0	90	83-121	4	40			
Styrene	48.6	50.0	97	46.0	50.0	92	84-128	6	40			
Bromoform	50.5	50.0	101	44.9	50.0	90	80-128	12	40			
Isopropylbenzene	42.6	50.0	85	41.0	50.0	82	76-111	4	40			
1,1,2,2-Tetrachloroethane	45.4	50.0	91	38.7	50.0	77	67-121	16	40			
1,2,3-Trichloropropane	49.9	50.0	100	43.1	50.0	86	71-118	15	40			
Bromobenzene	45.3	50.0	91	43.3	50.0	87	77-116	5	40			
n-Propylbenzene	47.7	50.0	95	45.8	50.0	92	75-137	4	40			
2-Chlorotoluene	45.6	50.0	91	43.8	50.0	88	78-125	4	40			
4-Chlorotoluene	45.0	50.0	90	42.9	50.0	86	77-124	5	40			
1,3,5-Trimethylbenzene	45.3	50.0	91	43.8	50.0	88	78-123	4	40			
tert-Butylbenzene	46.7	50.0	93	45.2	50.0	90	80-121	3	40			
1,2,4-Trimethylbenzene	46.5	50.0	93	45.3	50.0	91	78-122	3	40			
sec-Butylbenzene	48.3	50.0	97	46.7	50.0	93	83-132	3	40			
1,3-Dichlorobenzene	44.5	50.0	89	42.4	50.0	85	77-117	5	40			
4-Isopropyltoluene	45.0	50.0	90	43.4	50.0	87	77-118	4	40			
1,4-Dichlorobenzene	45.9	50.0	92	43.7	50.0	87	76-115	5	40			
n-Butylbenzene	48.8	50.0	98	46.9	50.0	94	76-127	4	40			
1,2-Dichlorobenzene	45.1	50.0	90	42.7	50.0	85	79-114	5	40			
1,2-Dibromo-3-chloropropane	49.5	50.0	99	42.6	50.0	85	71-112	15	40			
1,2,4-Trichlorobenzene	51.2	50.0	102	47.7	50.0	95	76-133	7	40			
1,2,3-Trichlorobenzene	51.1	50.0	102	49.3	50.0	99	75-129	4	40			
Naphthalene	50.5	50.0	101	46.5	50.0	93	72-135	8	40			
Hexachlorobutadiene	49.9	50.0	100	49.7	50.0	99	77-133	0	40			

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**Semi-Volatile Organic Compounds
EPA Method 8270C**

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SB-09-3-15 **Units:** mg/Kg
Lab Code: K0704921-001 **Basis:** Dry
Extraction Method: EPA 3541 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
N-Nitrosodimethylamine	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Aniline	ND	U	0.99	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroethyl) Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Phenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Chlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
1,3-Dichlorobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
1,4-Dichlorobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
1,2-Dichlorobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzyl Alcohol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroisopropyl) Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Methylphenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Hexachloroethane	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
N-Nitrosodi-n-propylamine	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Methylphenol†	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Nitrobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Isophorone	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Nitrophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4-Dimethylphenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroethoxy)methane	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4-Dichlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzoic Acid	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
1,2,4-Trichlorobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Naphthalene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Chloroaniline	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Hexachlorobutadiene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Chloro-3-methylphenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Methylnaphthalene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Hexachlorocyclopentadiene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4,6-Trichlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4,5-Trichlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Chloronaphthalene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Nitroaniline	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Acenaphthylene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	SB-09-3-15	Units:	mg/Kg
Lab Code:	K0704921-001	Basis:	Dry
Extraction Method:	EPA 3541	Level:	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dimethyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,6-Dinitrotoluene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Acenaphthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
3-Nitroaniline	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
2,4-Dinitrophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Dibenzofuran	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Nitrophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
2,4-Dinitrotoluene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Fluorene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Chlorophenyl Phenyl Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Diethyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Nitroaniline	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
2-Methyl-4,6-dinitrophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
N-Nitrosodiphenylamine	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Bromophenyl Phenyl Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Hexachlorobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Pentachlorophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Phenanthrene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Anthracene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Di-n-butyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Fluoranthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Pyrene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Butyl Benzyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
3,3'-Dichlorobenzidine	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Benz(a)anthracene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Chrysene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Bis(2-ethylhexyl) Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Di-n-octyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzo(b)fluoranthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzo(k)fluoranthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzo(a)pyrene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Indeno(1,2,3-cd)pyrene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Dibenz(a,h)anthracene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SB-09-3-15 **Units:** mg/Kg
Lab Code: K0704921-001 **Basis:** Dry
Extraction Method: EPA 3541 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzo(g,h,i)perylene	ND U	0.33	1	06/19/07	07/02/07	KWG0706819	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	44	12-84	07/02/07	Acceptable
Phenol-d6	47	21-94	07/02/07	Acceptable
Nitrobenzene-d5	52	10-112	07/02/07	Acceptable
2-Fluorobiphenyl	54	10-107	07/02/07	Acceptable
2,4,6-Tribromophenol	42	30-103	07/02/07	Acceptable
Terphenyl-d14	51	30-120	07/02/07	Acceptable

† Analyte Comments

4-Methylphenol

This analyte cannot be separated from 3-Methylphenol.

Comments:

00066

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SB-10-2-15 **Units:** mg/Kg
Lab Code: K0704921-002 **Basis:** Dry
Extraction Method: EPA 3541 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
N-Nitrosodimethylamine	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Aniline	ND	U	1.0	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroethyl) Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Phenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Chlorophenol	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
1,3-Dichlorobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
1,4-Dichlorobenzene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
1,2-Dichlorobenzene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Benzyl Alcohol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroisopropyl) Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Methylphenol	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Hexachloroethane	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
N-Nitrosodi-n-propylamine	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
4-Methylphenol†	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Nitrobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Isophorone	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Nitrophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4-Dimethylphenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroethoxy)methane	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4-Dichlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzoic Acid	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
1,2,4-Trichlorobenzene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Naphthalene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
4-Chloroaniline	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Hexachlorobutadiene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Chloro-3-methylphenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Methylnaphthalene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Hexachlorocyclopentadiene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4,6-Trichlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4,5-Trichlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Chloronaphthalene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Nitroaniline	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Acenaphthylene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SB-10-2-15 **Units:** mg/Kg
Lab Code: K0704921-002 **Basis:** Dry
Extraction Method: EPA 3541 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dimethyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,6-Dinitrotoluene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Acenaphthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
3-Nitroaniline	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
2,4-Dinitrophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Dibenzofuran	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
4-Nitrophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
2,4-Dinitrotoluene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Fluorene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Chlorophenyl Phenyl Ether	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Diethyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Nitroaniline	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
2-Methyl-4,6-dinitrophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
N-Nitrosodiphenylamine	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Bromophenyl Phenyl Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Hexachlorobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Pentachlorophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Phenanthrene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Anthracene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Di-n-butyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Fluoranthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Pyrene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Butyl Benzyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
3,3'-Dichlorobenzidine	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Benz(a)anthracene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Chrysene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Bis(2-ethylhexyl) Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Di-n-octyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzo(b)fluoranthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzo(k)fluoranthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzo(a)pyrene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Indeno(1,2,3-cd)pyrene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Dibenz(a,h)anthracene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SB-10-2-15 **Units:** mg/Kg
Lab Code: K0704921-002 **Basis:** Dry
Extraction Method: EPA 3541 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzo(g,h,i)perylene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	32	12-84	07/02/07	Acceptable
Phenol-d6	37	21-94	07/02/07	Acceptable
Nitrobenzene-d5	40	10-112	07/02/07	Acceptable
2-Fluorobiphenyl	46	10-107	07/02/07	Acceptable
2,4,6-Tribromophenol	40	30-103	07/02/07	Acceptable
Terphenyl-d14	46	30-120	07/02/07	Acceptable

† Analyte Comments

4-Methylphenol

This analyte cannot be separated from 3-Methylphenol.

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	SB-11-2-17	Units:	mg/Kg
Lab Code:	K0704921-003	Basis:	Dry
Extraction Method:	EPA 3541	Level:	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
N-Nitrosodimethylamine	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Aniline	ND	U	1.0	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroethyl) Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Phenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Chlorophenol	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
1,3-Dichlorobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
1,4-Dichlorobenzene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
1,2-Dichlorobenzene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Benzyl Alcohol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroisopropyl) Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Methylphenol	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Hexachloroethane	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
N-Nitrosodi-n-propylamine	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
4-Methylphenol†	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Nitrobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Isophorone	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Nitrophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4-Dimethylphenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroethoxy)methane	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4-Dichlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzoic Acid	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
1,2,4-Trichlorobenzene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Naphthalene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
4-Chloroaniline	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Hexachlorobutadiene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Chloro-3-methylphenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Methylnaphthalene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Hexachlorocyclopentadiene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4,6-Trichlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,4,5-Trichlorophenol	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Chloronaphthalene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2-Nitroaniline	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Acenaphthylene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SB-11-2-17 **Units:** mg/Kg
Lab Code: K0704921-003 **Basis:** Dry
Extraction Method: EPA 3541 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dimethyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
2,6-Dinitrotoluene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Acenaphthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
3-Nitroaniline	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
2,4-Dinitrophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Dibenzofuran	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
4-Nitrophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
2,4-Dinitrotoluene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Fluorene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Chlorophenyl Phenyl Ether	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Diethyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Nitroaniline	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
2-Methyl-4,6-dinitrophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
N-Nitrosodiphenylamine	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
4-Bromophenyl Phenyl Ether	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Hexachlorobenzene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Pentachlorophenol	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Phenanthrene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Anthracene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Di-n-butyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Fluoranthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Pyrene	ND	U	0.34	1	06/19/07	07/02/07	KWG0706819	
Butyl Benzyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
3,3'-Dichlorobenzidine	ND	U	2.0	1	06/19/07	07/02/07	KWG0706819	
Benz(a)anthracene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Chrysene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Bis(2-ethylhexyl) Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Di-n-octyl Phthalate	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzo(b)fluoranthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzo(k)fluoranthene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Benzo(a)pyrene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Indeno(1,2,3-cd)pyrene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	
Dibenz(a,h)anthracene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Collected: 06/07/2007
Date Received: 06/08/2007

Semi-Volatile Organic Compounds by GC/MS

Sample Name: SB-11-2-17 **Units:** mg/Kg
Lab Code: K0704921-003 **Basis:** Dry
Extraction Method: EPA 3541 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzo(g,h,i)perylene	ND	U	0.33	1	06/19/07	07/02/07	KWG0706819	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	39	12-84	07/02/07	Acceptable
Phenol-d6	42	21-94	07/02/07	Acceptable
Nitrobenzene-d5	47	10-112	07/02/07	Acceptable
2-Fluorobiphenyl	52	10-107	07/02/07	Acceptable
2,4,6-Tribromophenol	40	30-103	07/02/07	Acceptable
Terphenyl-d14	47	30-120	07/02/07	Acceptable

† Analyte Comments

This analyte cannot be separated from 3-Methylphenol.

Comments:

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Merged

Form 1A - Organic

SuperSet Reference: RR73869

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Sediment

Service Request: K0704921
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	Units:	mg/Kg
Lab Code:	KWG0706819-5	Basis:	Dry
Extraction Method:	EPA 3541	Level:	Low
Analysis Method:	8270C		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
N-Nitrosodimethylamine	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
Aniline	ND	U	0.75	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroethyl) Ether	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Phenol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2-Chlorophenol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
1,3-Dichlorobenzene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
1,4-Dichlorobenzene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
1,2-Dichlorobenzene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Benzyl Alcohol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroisopropyl) Ether	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2-Methylphenol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Hexachloroethane	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
N-Nitrosodi-n-propylamine	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
4-Methylphenol†	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Nitrobenzene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Isophorone	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2-Nitrophenol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2,4-Dimethylphenol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Bis(2-chloroethoxy)methane	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2,4-Dichlorophenol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Benzoic Acid	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
1,2,4-Trichlorobenzene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Naphthalene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
4-Chloroaniline	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Hexachlorobutadiene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
4-Chloro-3-methylphenol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2-Methylnaphthalene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Hexachlorocyclopentadiene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2,4,6-Trichlorophenol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2,4,5-Trichlorophenol	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2-Chloronaphthalene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2-Nitroaniline	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
Acenaphthylene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Sediment

Service Request: K0704921
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank **Units:** mg/Kg
Lab Code: KWG0706819-5 **Basis:** Dry
Extraction Method: EPA 3541 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dimethyl Phthalate	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
2,6-Dinitrotoluene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Acenaphthene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
3-Nitroaniline	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
2,4-Dinitrophenol	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
Dibenzofuran	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
4-Nitrophenol	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
2,4-Dinitrotoluene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Fluorene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
4-Chlorophenyl Phenyl Ether	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Diethyl Phthalate	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
4-Nitroaniline	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
2-Methyl-4,6-dinitrophenol	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
N-Nitrosodiphenylamine	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
4-Bromophenyl Phenyl Ether	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Hexachlorobenzene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Pentachlorophenol	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
Phenanthrene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Anthracene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Di-n-butyl Phthalate	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Fluoranthene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Pyrene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Butyl Benzyl Phthalate	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
3,3'-Dichlorobenzidine	ND	U	1.5	1	06/19/07	07/02/07	KWG0706819	
Benz(a)anthracene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Chrysene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Bis(2-ethylhexyl) Phthalate	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Di-n-octyl Phthalate	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Benzo(b)fluoranthene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Benzo(k)fluoranthene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Benzo(a)pyrene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Indeno(1,2,3-cd)pyrene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	
Dibenz(a,h)anthracene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Sediment

Service Request: K0704921
Date Collected: NA
Date Received: NA

Semi-Volatile Organic Compounds by GC/MS

Sample Name: Method Blank **Units:** mg/Kg
Lab Code: KWG0706819-5 **Basis:** Dry
Extraction Method: EPA 3541 **Level:** Low
Analysis Method: 8270C

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Benzo(g,h,i)perylene	ND	U	0.25	1	06/19/07	07/02/07	KWG0706819	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorophenol	41	12-84	07/02/07	Acceptable
Phenol-d6	46	21-94	07/02/07	Acceptable
Nitrobenzene-d5	50	10-112	07/02/07	Acceptable
2-Fluorobiphenyl	49	10-107	07/02/07	Acceptable
2,4,6-Tribromophenol	44	30-103	07/02/07	Acceptable
Terphenyl-d14	56	30-120	07/02/07	Acceptable

† Analyte Comments

4-Methylphenol

This analyte cannot be separated from 3-Methylphenol.

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921

Surrogate Recovery Summary
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3541
Analysis Method: 8270C

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1	Sur2	Sur3	Sur4	Sur5	Sur6
SB-09-3-15	K0704921-001	44	47	52	54	42	51
SB-10-2-15	K0704921-002	32	37	40	46	40	46
SB-11-2-17	K0704921-003	39	42	47	52	40	47
Method Blank	KWG0706819-5	41	46	50	49	44	56
Batch QC	K0704891-001	50	52	59	59	47	54
Batch QCMS	KWG0706819-6	52	54	55	65	57	58
Batch QCDMS	KWG0706819-7	50	52	52	63	55	60
Lab Control Sample	KWG0706819-3	52	55	55	60	55	57
Duplicate Lab Control Sample	KWG0706819-4	51	53	53	58	56	58

Surrogate Recovery Control Limits (%)

Sur1 = 2-Fluorophenol	12-84	Sur5 = 2,4,6-Tribromophenol	30-103
Sur2 = Phenol-d6	21-94	Sur6 = Terphenyl-d14	30-120
Sur3 = Nitrobenzene-d5	10-112		
Sur4 = 2-Fluorobiphenyl	10-107		

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

00076

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Soil

Service Request: K0704921
Date Extracted: 06/19/2007
Date Analyzed: 06/29/2007

Matrix Spike/Duplicate Matrix Spike Summary
Semi-Volatile Organic Compounds by GC/MS

Sample Name:	Batch QC	Units:	mg/Kg
Lab Code:	K0704891-001	Basis:	Dry
Extraction Method:	EPA 3541	Level:	Low
Analysis Method:	8270C	Extraction Lot:	KWG0706819

Analyte Name	Sample Result	Batch QCMS KWG0706819-6 Matrix Spike			Batch QCDMS KWG0706819-7 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Phenol	ND	1.95	3.33	59	1.96	3.32	59	24-97	0	40
2-Chlorophenol	ND	2.11	3.33	63	2.07	3.32	62	27-91	2	40
1,4-Dichlorobenzene	ND	2.00	3.33	60	1.96	3.32	59	10-91	2	40
N-Nitrosodi-n-propylamine	ND	2.12	3.33	64	2.04	3.32	62	15-115	4	40
1,2,4-Trichlorobenzene	ND	2.23	3.33	67	2.12	3.32	64	11-101	5	40
4-Chloro-3-methylphenol	ND	2.12	3.33	64	2.01	3.32	61	30-104	5	40
Acenaphthene	ND	2.12	3.33	64	2.10	3.32	63	22-109	1	40
4-Nitrophenol	ND	1.60	3.33	48	1.75	3.32	53	21-116	9	40
2,4-Dinitrotoluene	ND	2.04	3.33	61	2.11	3.32	63	24-119	3	40
Pentachlorophenol	ND	1.72	3.33	52	1.88	3.32	57	10-118	9	40
Pyrene	ND	2.10	3.33	63	2.11	3.32	64	15-130	1	40

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

00077

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Sediment

Service Request: K0704921
Date Extracted: 06/19/2007
Date Analyzed: 07/02/2007

Lab Control Spike/Duplicate Lab Control Spike Summary
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3541
Analysis Method: 8270C

Units: mg/Kg
Basis: Dry
Level: Low
Extraction Lot: KWG0706819

Analyte Name	Lab Control Sample KWG0706819-3			Duplicate Lab Control Sample KWG0706819-4			%Rec Limits	RPD	RPD Limit			
	Lab Control Spike			Duplicate Lab Control Spike								
	Result	Expected	%Rec	Result	Expected	%Rec						
N-Nitrosodimethylamine	2.14	3.33	64	2.14	3.33	64	26-93	0	40			
Aniline	1.72	3.33	52	1.71	3.33	51	10-91	1	40			
Bis(2-chloroethyl) Ether	2.01	3.33	60	1.90	3.33	57	21-106	6	40			
Phenol	1.99	3.33	60	1.85	3.33	55	31-97	7	40			
2-Chlorophenol	2.13	3.33	64	2.02	3.33	61	31-95	5	40			
1,3-Dichlorobenzene	1.97	3.33	59	1.90	3.33	57	22-93	4	40			
1,4-Dichlorobenzene	2.01	3.33	60	1.90	3.33	57	23-93	6	40			
1,2-Dichlorobenzene	2.04	3.33	61	1.95	3.33	59	25-93	4	40			
Benzyl Alcohol	1.99	3.33	60	1.88	3.33	56	30-101	6	40			
Bis(2-chloroisopropyl) Ether	2.10	3.33	63	1.97	3.33	59	27-95	6	40			
2-Methylphenol	1.95	3.33	58	1.85	3.33	56	30-94	5	40			
Hexachloroethane	2.03	3.33	61	1.86	3.33	56	24-93	8	40			
N-Nitrosodi-n-propylamine	2.14	3.33	64	1.99	3.33	60	34-97	7	40			
4-Methylphenol	2.03	3.33	61	1.98	3.33	59	32-96	3	40			
Nitrobenzene	1.96	3.33	59	1.87	3.33	56	32-98	4	40			
Isophorone	1.97	3.33	59	1.88	3.33	56	32-100	5	40			
2-Nitrophenol	2.10	3.33	63	2.07	3.33	62	34-100	2	40			
2,4-Dimethylphenol	2.02	3.33	60	1.88	3.33	57	10-94	7	40			
Bis(2-chloroethoxy)methane	2.02	3.33	61	1.99	3.33	60	34-98	2	40			
2,4-Dichlorophenol	2.18	3.33	65	2.14	3.33	64	35-96	2	40			
Benzoic Acid	0.683	3.33	20	1.21	3.33	36	10-89	56 *	40			
1,2,4-Trichlorobenzene	2.21	3.33	66	2.15	3.33	65	27-95	3	40			
Naphthalene	2.13	3.33	64	2.04	3.33	61	30-95	4	40			
4-Chloroaniline	1.99	3.33	60	1.93	3.33	58	12-101	3	40			
Hexachlorobutadiene	2.00	3.33	60	1.90	3.33	57	25-96	5	40			
4-Chloro-3-methylphenol	2.15	3.33	65	2.05	3.33	62	38-100	5	40			
2-Methylnaphthalene	2.18	3.33	65	2.11	3.33	63	34-96	3	40			
Hexachlorocyclopentadiene	0.813	3.33	24	0.790	3.33	24	10-90	3	40			
2,4,6-Trichlorophenol	2.08	3.33	62	2.06	3.33	62	37-99	1	40			
2,4,5-Trichlorophenol	2.08	3.33	63	2.00	3.33	60	37-102	4	40			
2-Chloronaphthalene	2.08	3.33	62	1.99	3.33	60	35-98	4	40			
2-Nitroaniline	1.96	3.33	59	1.99	3.33	60	39-109	1	40			
Acenaphthylene	2.14	3.33	64	2.02	3.33	61	40-103	6	40			
Dimethyl Phthalate	2.06	3.33	62	2.03	3.33	61	41-107	1	40			
2,6-Dinitrotoluene	2.28	3.33	68	2.16	3.33	65	40-113	5	40			

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Univar USA, Inc.
Project: Univar Portland
Sample Matrix: Sediment

Service Request: K0704921
Date Extracted: 06/19/2007
Date Analyzed: 07/02/2007

Lab Control Spike/Duplicate Lab Control Spike Summary
Semi-Volatile Organic Compounds by GC/MS

Extraction Method: EPA 3541
Analysis Method: 8270C

Units: mg/Kg
Basis: Dry
Level: Low

Extraction Lot: KWG0706819

Analyte Name	Lab Control Sample KWG0706819-3			Duplicate Lab Control Sample KWG0706819-4			%Rec Limits	RPD Limit		
	Lab Control Spike			Duplicate Lab Control Spike						
	Result	Expected	%Rec	Result	Expected	%Rec				
Acenaphthene	2.09	3.33	63	2.05	3.33	61	38-99	2	40	
3-Nitroaniline	2.07	3.33	62	2.04	3.33	61	32-110	2	40	
2,4-Dinitrophenol	1.28	3.33	38	1.45	3.33	43	10-115	12	40	
Dibenzofuran	2.12	3.33	64	2.05	3.33	61	37-101	4	40	
4-Nitrophenol	1.83	3.33	55	1.80	3.33	54	36-116	2	40	
2,4-Dinitrotoluene	2.23	3.33	67	2.18	3.33	65	43-114	2	40	
Fluorene	2.05	3.33	62	1.97	3.33	59	38-103	4	40	
4-Chlorophenyl Phenyl Ether	2.09	3.33	63	2.05	3.33	62	38-103	2	40	
Diethyl Phthalate	1.93	3.33	58	1.97	3.33	59	42-110	2	40	
4-Nitroaniline	2.07	3.33	62	2.11	3.33	63	36-111	2	40	
2-Methyl-4,6-dinitrophenol	1.89	3.33	57	1.96	3.33	59	25-119	4	40	
N-Nitrosodiphenylamine	1.97	3.33	59	1.99	3.33	60	36-106	1	40	
4-Bromophenyl Phenyl Ether	2.13	3.33	64	2.16	3.33	65	40-106	1	40	
Hexachlorobenzene	2.10	3.33	63	2.08	3.33	62	40-106	1	40	
Pentachlorophenol	1.63	3.33	49	1.77	3.33	53	33-105	8	40	
Phenanthrene	2.30	3.33	69	2.28	3.33	68	41-107	1	40	
Anthracene	2.30	3.33	69	2.26	3.33	68	37-112	2	40	
Di-n-butyl Phthalate	2.56	3.33	77	2.55	3.33	77	43-116	0	40	
Fluoranthene	2.28	3.33	68	2.28	3.33	68	43-109	0	40	
Pyrene	1.99	3.33	60	2.02	3.33	61	45-110	2	40	
Butyl Benzyl Phthalate	2.22	3.33	67	2.25	3.33	67	45-115	1	40	
3,3'-Dichlorobenzidine	2.00	3.33	60	2.12	3.33	63	11-112	5	40	
Benz(a)anthracene	2.16	3.33	65	2.16	3.33	65	48-111	0	40	
Chrysene	2.10	3.33	63	2.15	3.33	65	47-111	2	40	
Bis(2-ethylhexyl) Phthalate	2.13	3.33	64	2.12	3.33	64	43-123	0	40	
Di-n-octyl Phthalate	2.51	3.33	75	2.51	3.33	75	41-121	0	40	
Benzo(b)fluoranthene	2.32	3.33	69	2.31	3.33	69	44-113	0	40	
Benzo(k)fluoranthene	2.40	3.33	72	2.41	3.33	72	45-114	1	40	
Benzo(a)pyrene	2.36	3.33	71	2.32	3.33	70	43-114	2	40	
Indeno(1,2,3-cd)pyrene	2.21	3.33	66	2.30	3.33	69	45-117	4	40	
Dibenz(a,h)anthracene	2.23	3.33	67	2.38	3.33	72	44-118	7	40	
Benzo(g,h,i)perylene	2.22	3.33	67	2.27	3.33	68	27-123	2	40	

Results flagged with an asterisk (*) indicate values outside control criteria.

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